

CLASSIFICATION ~~CONFIDENTIAL~~  
 SECURITY INFORMATION  
 CENTRAL INTELLIGENCE AGENCY  
 INFORMATION FROM  
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

50X1-HUM

CD NO.

COUNTRY USSR

DATE OF  
INFORMATION 1951

SUBJECT Scientific - Medicine, virus diseases

DATE DIST. 15 Jul 1952

HOW  
PUBLISHED Monthly periodical

NO. OF PAGES 1

WHERE  
PUBLISHED MoscowDATE  
PUBLISHED Mar 1951SUPPLEMENT TO  
REPORT NO.

LANGUAGE Russian

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE  
 OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 80  
 U. S. C. 51 AND 52, AS AMENDED. ITS TRANSMISSION OR THE REVELATION  
 OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PRO-  
 HIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Fel'dsher i Akusherka, No 3, 1951, pp 28-34,

50X1-HUM

DIFFERENTIAL DIAGNOSIS OF INFLUENZA  
AND ACUTE CATARRHS OF THE RESPIRATORY TRACT

M. I. Sokolov  
 Cand Med Sci

Laboratory methods are of great help in diagnosing influenza. These methods include the hemagglutination reaction as well as rhinoscopic and hematological tests. In addition to these methods, USSR investigators produced others which permit making a diagnosis within the first days of the disease.

An original method of detecting viruses and antibodies was developed by Sergiyev, Demina, and Ryazantseva. It is based on the capacity of bacteria to adsorb viruses and their antigen. Bacteria which had adsorbed the virus agglutinate on mixing with an immune serum which is specific for the virus. In view of the large size of bacteria in comparison with virus particles, combination of the latter with antibodies becomes visible under a magnifying glass because not only virus particles but also the bacterial cells which had adsorbed them agglutinate in the presence of specific antiviral serum.

The agglutination reaction of bacteria loaded with virus (AVB) that has been proposed by the investigators mentioned above yields positive results in the diagnosis of measles and influenza. It is specific and more sensitive than the reactions of precipitation and hemagglutination.

- E N D -

- 1 -

## CLASSIFICATION

~~CONFIDENTIAL~~

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB	DISTRIBUTION									
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI										